What You Need to Know About
3D Cloud Product Renders

2K, 4K or 8K quality	Single or bulk rendering	Supports spin sets and fixed angles	Rendered from live 3D models and materials	Flexible camera angle and lighting controls

What makes 3D Cloud Product Renders unique?

3D Cloud Product Renders eliminate the need for traditional photoshoots by generating stunning, high-resolution images from live 3D models. Leveraging the centralized logic and assets in the 3D Cloud Digital Asset Management System, renders are automatically generated based on real product data such as finish, fabric, configuration, and pricing rules.

This is not just image creation—it's an intelligent, automated system that delivers consistent, up-to-date visuals across entire product lines.

10x Faster with bulk rendering	**100M+** Renders created annually	**1 min** Or less per render*

*2K, render times vary depending on output resolution and product/material complexity

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Fast Facts

- High-resolution 2K, 4K, or 8K output
- Uses real-time 3D logic and asset data
- Visualize every angle of a product
- Automated cropping/framing to product bounds
- Templates for consistency at scale
- Shadow control, background color and transparency

- Custom HDRI environment and rotation support
- File name prefix control
- Output for e-comm, print, or merchandising
- Requires no photography or set building
- Fully integrated with 3D Cloud Platform

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Is it secure?

Layered Security Architecture

- Physical infastructure
- Software services
- Data persistence
- Service change control
- Service support

Redundancy & Capacity Planning

- Auto-heal services
- Globally distributed services
- 24/7/365 monitoring

Security Compliance & Audits

- Penetration and vulnerability testing
- SOC 2, Type I
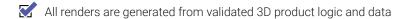- SOC 2, Type II
- ISO 27001/2013

Will it work with our other systems?

- Renders easily exported to PIM, 2D DAM, CMS, e-commerce, and merchandising systems
- Automatically reflects logic and data from 3D Cloud
- Fully aligned with retailer and manufacturer workflows

Visit us to learn more:

How are 3D Cloud Product Renders different?

- ☑ All renders are generated from validated 3D product logic and data
- ☑ Models can be reused across room planners, configurators, and WebAR
- ☑ No need for external tools or rendering studios
- ☑ Supports a variety of delivery formats for omnichannel needs
- ☑ Option to export render passes for further image manipulation

Who is using 3D Cloud Product Renders?

Fellowes

FLEXSTEEL®

Best HOME FURNISHINGS

LA Z BOY®

DESIGN WITHIN REACH

Kimball International

HON.

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